Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 06 Dec 2021 until 23:59 on Tuesday 07 Dec 2021

Forecast Issued on Sunday 05 Dec 2021 at 17:02

Confidence: High for unsettled weather with showers or longer spells of rain or snow. Lower confidence for timing of sleet or snow clearance on Monday afternoon. Some particularly hazardous hill conditions on Tuesday.

Headline for Monday 06 Dec 2021: Rain, sleet or snow clearing to bright spells and wintry showers in afternoon. Cold and windy.

Mountain weather hazards on Monday 06 Dec 2021

Blizzards
No Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Heavy snow	Heavy snow	Light snow	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
<05%	<05%	10%	90%	90%	60%	30%	30%

Forecast for Monday 06 Dec 2021

Weather: Dry overnight but sleet or snow will spread east during the morning, mainly rain below 300m. The sleet or snow will turn heavy for a while before clearing east in the afternoon. Clear spells and a few showers will follow, falling as snow above about 400m. Feeling bitterly cold at height.

Chance of cloud free mountain/hill tops above 600m: 90% at first but soon becoming 0% as sleet or snow arrives. 40-60% in showers later in afternoon and evening with cloud occasionally shrouding the tops.

Visibility: Good at first but soon becoming very poor in the morning in sleet or snow with cloud down to 300m. Becoming generally good during the afternoon, but poor at times with low cloud on the tops as showers move through from the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 06 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 S	12/18 S	20/30 S	21/29 S	20/27 SW	20/26 W	20/27 W	22/30 W	21/29 W
300	4/5 S	7/13 S	13/22 S	16/22 S	15/22 SW	14/21 W	14/20 W	18/26 W	15/23 W
Valley	3/4 SE	4/12 SE	7/19 S	10/22 S	9/20 SW	8/20 W	8/18 W	11/23 W	9/20 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-0	2/-3	2/-5	0/-7	-0/-7	0/-6	-0/-7	-0/-8	-0/-7
300	3/1	3/0	3/-1	2/-4	2/-4	3/-2	1/-4	2/-4	2/-4
Valley	3/2	2/1	3/0	2/-2	2/-1	3/0	2/-2	2/-2	2/-2
Freezing Level*	800m	700m	700m	600m	500m	600m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bitterly cold day up in the hills with a few centimetres of fresh snow settling, possibly down to lower levels for a while.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 05 Dec 2021	12.4mm	19.8mm	20.8mm

Forecast for Tuesday 07 Dec 2021

Weather: Wintry showers dying out overnight with clear spells and a frost developing. A dry and bright start but conditions will deteriorate. A spell of sleet or snow and very strong winds from late morning onwards with blizzards and drifting over high ground. Turning showery in the afternoon falling as snow above 600m with hail and thunder possible.

Maximum wind: South or Southeast 15-20mph, increasing to mean speed 35-45mph with gusts 55-65mph. Severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 90% at first, becoming 0 to 10% during the morning as snow arrives.

Visibility: Very good to start the morning but deteriorating quickly by the afternoon. Extensive cloud developing above 400m with blizzard conditions limiting visibility to a few metres at times.

Temperature: **Valleys:** Minus 1C rising to Plus 3 or 4C.
At 600m: Minus 1C, rising to 2C in afternoon.
Freezing level: 300m, rising above summits in afternoon.

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